

EWORK EK-KLA-023A

EWORK 1000W HVLP Electric Paint Sprayer Instruction Manual

MODEL: EK-KLA-023A

1. Introduction

Thank you for choosing the EWORK 1000W HVLP Electric Paint Sprayer. This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your new paint sprayer. Please read these instructions thoroughly before initial use and retain them for future reference.



Image 1: EWORK 1000W Electric Paint Sprayer in operation, demonstrating a professional finish.

2. Important Safety Information

WARNING: Always use in a well-ventilated area. Avoid inhaling spray mist. Keep away from heat sources and open flames. Do not use with flammable materials. Always wear appropriate protective clothing and eye/face protection. Clean and maintain the sprayer according to the instructions to prevent clogging and damage. Dispose of used paint and materials responsibly.

3. Package Contents

Verify that all items are present in your package:

- 1 x EWORK Paint Sprayer Unit
- 4 x Nozzles (1.5mm, 1.8mm, 2.2mm, 2.6mm - 1.8mm pre-installed)
- 1 x Viscosity Cup
- 1 x Nozzle Cleaning Needle
- 1 x Cleaning Brush
- 1 x User Manual

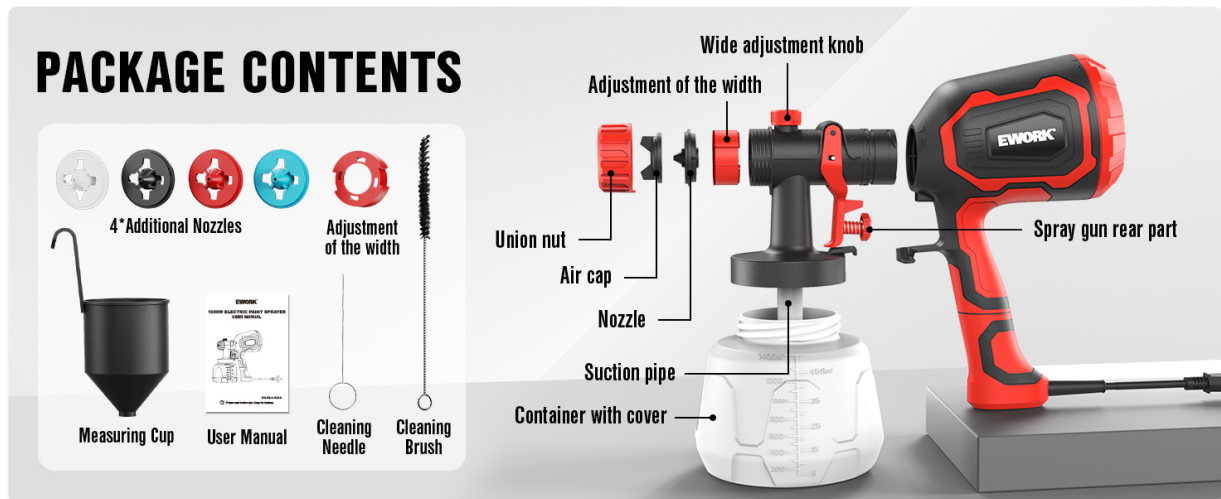


Image 2: Detailed view of all components included in the EWORK Paint Sprayer package.

4. Setup

Follow these steps for initial assembly and preparation:

1. **Connect the Motor to the Spray Front Body:** Align the motor unit with the spray front body and twist until securely locked.
2. **Prepare Paint:** Use the included viscosity cup to check and dilute your paint to the recommended consistency. Pour the prepared paint through a paint filter into the 1400ml container.
3. **Attach Container:** Screw the paint container securely onto the spray gun body. Ensure the suction pipe is correctly positioned.
4. **Select Nozzle:** Choose the appropriate nozzle size (1.5mm, 1.8mm, 2.2mm, or 2.6mm) based on your paint's viscosity and desired spray.
5. **Adjust Spray Pattern:** Rotate the air cap to select one of three spray patterns: horizontal, vertical, or circular.

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Video 1: A detailed demonstration of unboxing and assembling the EWORK Paint Sprayer, including connecting components and preparing for use.

HOW TO USE EWORK PAINT SPRAYER



Image 3: Visual guide illustrating the setup and usage steps for the EWORK Paint Sprayer.

5. Operating Instructions

Achieve optimal results by understanding the sprayer's adjustable features:

5.1. Nozzle Selection

The sprayer includes four nozzle sizes to accommodate various paint types and project needs:

- **1.5mm Nozzle:** For thin materials (10-45 Din/s)
- **1.8mm Nozzle:** For medium materials (45-90 Din/s) - *Pre-installed*
- **2.2mm Nozzle:** For thicker materials (90-135 Din/s)
- **2.6mm Nozzle:** For very thick materials (135-180 Din/s)

4 SIZES NOZZLES



Image 4: Illustration of the four nozzle sizes and their corresponding viscosity recommendations.

5.2. Spray Pattern Adjustment

Rotate the air cap to switch between three distinct spray patterns:

- **Horizontal:** Ideal for vertical surfaces.
- **Vertical:** Ideal for horizontal surfaces.
- **Circular:** Suitable for small objects or corners.

3 ADJUSTABLE SPRAYER PATTERNS



Adjustable Flow Control

▶ 0 ml/min



▶ 1000 ml/min



Image 5: Visual representation of how to adjust the spray patterns.

5.3. Flow Control Adjustment

The flow control knob allows you to precisely manage the paint output, minimizing overspray and optimizing paint usage. Turn the knob to increase or decrease the paint flow.

1000W PAINT SPRAYER



1000W Strong Motor



1400ml Capacity



Flexible Flow Control



3 Patterns & 4 nozzles



Easy To Clean



Safety Materials



Image 6: The adjustable flow control mechanism on the EWORK Paint Sprayer.

5.4. Spraying Techniques

For consistent coverage, adjust the pickup tube direction based on your spraying angle:

- **Downward Spraying:** Point the end of the pickup tube toward the front of the sprayer.
- **Upward Spraying:** Point the end of the pickup tube toward the rear of the sprayer.

ADAPTIVE FLOW CONTROL

Spraying in an downward direction

Pointing the end of the pickup tube toward the front of the sprayer



(+) Rotate clockwise to increase flow



Spraying in an upward direction

Pointing the end of the pickup tube toward the rear of the sprayer



(-) Rotate counterclockwise to decrease flow



Image 7: Guide for adjusting the pickup tube for optimal paint flow in different spraying directions.

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Video 2: A user demonstrates the unboxing, assembly, and practical application of the EWORK Paint Sprayer on various items, showcasing its ease of use and spray quality.

6. Maintenance and Cleaning

Proper cleaning after each use is crucial for maintaining the sprayer's performance and longevity. The EWORK paint sprayer is designed for easy disassembly and cleaning.

1. **Disassemble:** Unscrew the paint container and detach the spray front body from the motor unit.
2. **Empty Container:** Dispose of any remaining paint responsibly.
3. **Rinse:** Fill the container with an appropriate cleaning solution (water for water-based paints, mineral spirits for oil-based paints) and spray it through the nozzle until clear.
4. **Clean Components:** Use the included cleaning brush and nozzle cleaning needle to thoroughly clean the nozzle, air cap, suction tube, and container. Ensure all paint residue is removed.
5. **Dry and Store:** Allow all parts to dry completely before reassembling or storing the sprayer in a clean, dry place.



Image 8: Visual steps for cleaning the EWORK Paint Sprayer.

7. Troubleshooting

If you encounter issues, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No spray or weak spray	Nozzle clogged, paint too thick, suction tube blocked, air cap loose	Clean nozzle and air cap. Dilute paint. Check suction tube for blockages. Tighten air cap.
Uneven spray pattern	Nozzle or air cap dirty, incorrect spray pattern setting	Clean nozzle and air cap. Adjust air cap to desired pattern.
Paint spitting or dripping	Paint too thick, nozzle loose, air cap not fully seated	Dilute paint. Ensure nozzle is tight. Securely seat air cap.
Motor runs but no paint sprays	Suction tube not immersed in paint, paint container empty, air leak	Ensure suction tube is in paint. Refill container. Check all connections for tightness.

8. Specifications

Feature	Specification
Brand	EWORK
Model Number	EK-KLA-023A
Power Source	AC
Motor Power	1000W
Max Viscosity	180 Din/s
Tank Volume	1400 Milliliters
Nozzle Sizes	1.5mm, 1.8mm, 2.2mm, 2.6mm
Spray Patterns	Horizontal, Vertical, Circular
Material	Metal, Plastic
Item Weight	3.85 pounds
Product Dimensions	5.5"W x 11"H

9. Warranty and Support

EWORK products come with a **1-year product warranty**, which can be activated through the warranty card included in your package. For any questions or concerns regarding your EWORK paint sprayer, please contact our customer service. We are committed to providing after-sales service within 24 hours.

For further assistance, visit the [EWORK Store](#).

